

MRI BRAIN WITH CONTRAST REPORT

Report ID: MRI-2024-001234 | Date: 12/10/2024

PATIENT INFORMATION

Name: John Michael Doe DOB: 01/15/1980
MRN: 123456789 Study Date: 12/10/2024
Referring Physician: Dr. Sarah Smith, MD - Neurology
Clinical History: Persistent headaches and dizziness for 3 weeks

TECHNICAL INFORMATION

Scanner: Siemens Magnetom Skyra 3.0T
Protocol: Brain MRI with and without contrast
Contrast Agent: Gadavist 10ml IV
Sequences: T1, T2, FLAIR, DWI, ADC, T1 post-contrast

FINDINGS

BRAIN PARENCHYMA:

No acute intracranial abnormality is identified. No evidence of intracranial hemorrhage, mass effect, or midline shift.
No restricted diffusion to suggest acute infarction.
No abnormal enhancement following contrast administration.

WHITE MATTER:

Scattered foci of T2 hyperintensity in the periventricular white matter, consistent with chronic small vessel ischemic changes.
No acute white matter lesions.

GRAY MATTER:

Normal gray-white matter differentiation throughout.
No cortical abnormalities or mass lesions identified.

VENTRICULAR SYSTEM:

Ventricular system is normal in size and configuration.
No hydrocephalus or mass effect on the ventricular system.

CEREBELLUM:

Cerebellum is normal in size and signal characteristics.
No cerebellar lesions or atrophy identified.

BRAINSTEM:

Brainstem is normal in appearance with no signal abnormalities.
No brainstem lesions or compression identified.

IMPRESSION

- No acute intracranial abnormality.
- Scattered chronic small vessel ischemic changes in the periventricular white matter, consistent with age-related microvascular disease.
- No evidence of mass lesion, hemorrhage, or acute infarction.
- Normal ventricular system and brainstem.

RECOMMENDATIONS:

Clinical correlation recommended. Consider follow-up imaging in 6-12 months if symptoms persist or worsen.